JOB DESCRIPTION

Vacancy Ref: A2733

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>ESRC Research Associate</th>
<th>Present Grade: 6</th>
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<tbody>
<tr>
<td>Department/College:</td>
<td>LEC</td>
<td></td>
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<tr>
<td>Directly responsible to:</td>
<td>Andrew Jarvis</td>
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<td>Supervisory responsibility for:</td>
<td>n/a</td>
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Other contacts

**Internal:**
Andrew Jarvis; academic staff and PDRA in LEC

**External:**
Jean Francois Mercure, Exeter University.

**Major Duties:**

1. Improving scientific understanding of how the turnover dynamics of (infra)structure underpins the dynamic turning circle of economies, with specific reference to an accelerated energy transition in order to avoid dangerous climate change.

2. Analysing Bill-of-Quantity data to construct the relationship between the size of investments and the timescale over which returns are expected for a range of asset classes.

3. To assimilate results in such a way that enables them to be integrated into a simple integrated assessment model.

4. To participate in team meetings and foster the wider interests of the overall project.

5. Participation in Rebuilding Macroeconomics Network meetings to present the results of the project to a wider audience and to learn about current advances in the field.

6. Preparation of journal papers for publication of project findings.